

Appl. No. 09/686,563
Amdt. dated March 22, 2004
Reply to Office Action of January 21, 2004

PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Amended) An identification system comprising:
a modem communicating with a telephonic network;
a dialog processing device communicating with said telephonic network; and
a controller communicating with said modem and said dialog processing device to
identify a terminating connection of said telephonic network; and
software that programs the system to:
receive a plurality of telephone numbers relating to terminating
connections;
use the modem to attempt to establish an analog modem connection to a
terminating connection;
classify the terminating connection as an analog modem if the modem
successfully establishes a connection to the terminating connection at a negotiated maximum
baud rate greater than about 1000 bits/sec;
classify the terminating connection as a facsimile machine if the modem
successfully establishes a connection to the terminating connection at a negotiated maximum
baud rate less than about 1000 bits/sec;
use the dialog processing device to monitor the terminating connection
during operation of the modem;
classify the terminating connection as an ISDN modem if the dialog
processing device detects an ISDN modem at the terminating connection;
classify the terminating connection as a voice connection if the dialog
processing device detects a voice connection; and
record an entry relating to the classification in a database.

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2-10 (Cancelled)

11. (Amended) A method of classifying a terminating connection comprising the steps of:

- A1
cancel.*
- (1) ~~initiating communication with a terminating connection;~~
 - (2) ~~identifying communication with the terminating connection;~~
 - (3) ~~classifying a type of the terminating connection; and~~
 - (4) ~~recording the type~~
- receiving a plurality of telephone numbers relating to terminating connections;
attempting to establish an analog modem connection to the terminating
connection using a modem;
classifying the terminating connection as an analog modem if the modem
successfully establishes a connection to the terminating connection at a negotiated maximum
baud rate greater than about 1000 bits/sec;
classifying the terminating connection as a facsimile machine if the modem
successfully establishes a connection to the terminating connection at a negotiated maximum
baud rate less than about 1000 bits/sec;
monitoring the terminating connection during operation of the modem using a
dialog processing device;
classifying the terminating connection as an ISDN modem if the dialog
processing device detects an ISDN modem at the terminating connection;
classifying the terminating connection as a voice connection if the dialog
processing device detects a voice connection; and
recording an entry relating to the classification in a database.

12-25 (Cancelled)